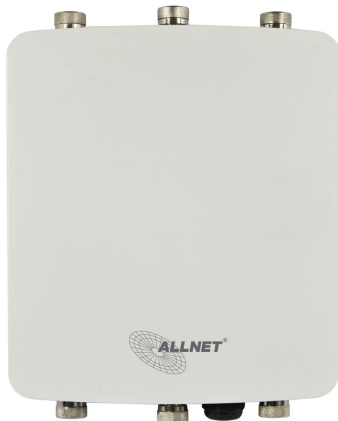


ALLNET ALL-WAPC0486AC / 1300 Mbit Wireless Controller AC AP outdoor IP68



EAN CODE



1750Mbit Wireless AC Controlled IP68 Full-Outdoor Dual Band AccessPoint mit PoE

HIGHLIGHTS

- 3x3/3T3R-Stream 802.11ac Wireless LAN Concurrent
- Bis zu 1300Mbps im 5 GHz Netzwerk
- Bis zu 450Mbps im 2,4GHz Netzwerk
- weiträumige Abdeckung 29 dBm im 2.4 GHz & 5 GHz Band
- 6x N-Type Antennen-Anschlüsse für flexible Antennen-Installationen
- 6x abnehmbare 5dbi Rundstrahl-Antennen inklusive
- 2ter PoE Passthrough Gigabit LAN Port für optionale Kamera oder anderes PoE Endgerät
- Unterstützt MESH Wireless für einfache flexible Installation mit Selbstheilung
- Stromversorgung via externes Netzteil oder Power over Ethernet nach IEEE802.3at 30W

Der ALL-WAPC0486AC IP68 Full-Outdoor Accesspoint unterstützt Dual-Band im 3x3 Verfahren mit max. 867Mbit im 5GHz und 300Mbit im 2,4GHz Netz. Der ALL-WAPC0465AC IP55 Semi-Outdoor Accesspoint kann sowohl einzeln als auch mit dem optionalen Controller ALL-WAPC0450C verwendet werden. Die 6x N-Type Antennenanschlüsse machen den AP äußerst flexibel und verwandelt den AP durch externe optionale Antennen zu dem Meister und flexibelsten aller Accesspoints. Denn erst die passende Antennentechniken wie Rundstrahl / Flat-Patch / Yagi oder Sector-Antennen holen das Maximum aus dem AP raus. Der zweite Gigabit PoE LAN Port am AP verhilft einem dahintergeschalteten Endgerät zur Strom und Datenanbindung ohne das ein zusätzliches Stromkabel oder Netzteil verwendet werden muß. Der AP kann einzeln und erst in Kombination mit dem Controller entfaltet sich erst der AP mit Zusatzfunktionen wie Fast-Roaming und Handover etc.

Technical Details:



Technical Specifications

Standard	IEEE 802.11b/g/n on 2.4 GHz IEEE 802.11a/n/ac on 5 GHz IEEE 802.3at IEEE 802.1r IEEE 802.1k IEEE 802.11x
Memory Capacity	Memory: 256 MB Flash Memory 16 MB
Antenna	3 x 5dBi External Omni-Directional N-Type Antennas for 2.4 GHz 3 x 7dBi External Omni-Directional N-Type Antennas for 5 GHz
Physical Interface	- 2 x 10/100/1000 Gigabit Ethernet Ports) - LAN1: Supports 802.3at PoE Input - LAN2: Data & 802.3af PoE Pass-Through)
LED Indicators	1 x Power 2 x WLAN (Wireless Connection) 2.4GHz 5GHz 2 x LAN
Power Source	External Power Adapter DC IN, 48 V/0.8A IEEE 802.3at Compliant Source Active Ethernet (PoE)
PSE Output	LAN2 802.3af power source with included power adapter
Surge Protection	4KV
ESD Protection	Contact: 6KV Air: 8 KV
Ingress Protection Marking	IP68-Rated Waterproof/Dustproof Enclosure
Mounting	Ceiling Mount Wall Mount

Wireless & Radio Specifications

Operating Frequency	Dual-Radio Concurrent 2.4GHz & 5GHz
Operation Modes	Access Point Mesh Access Point
Frequency Radio	2.4GHz: 2400MHz ~ 2835MHz 5GHz: 5150MHz ~ 5250MHz, 5470 ~ 5725MHz, 5725MHz ~ 5850MHz
Transmit Power	Up to 29 dBm on 2.4 GHz Up to 29 dBm on 5 GHz Max transmit power is limited by regulatory power
Radio Chains/Spatial Streams	3x3:3
Supported Data Rates (Mbps)	2.4 GHz: Max 450 5 GHz: Max 1300 802.11b: 1, 2, 5.5, 11 802.11g: 6, 9, 12, 18, 24, 36, 48, 54



Supported Radio Technology	802.11n: 6.5 to 450 (MCS0 to MCS23) 802.11ac: 6.5 to 1300 (MCS0 to MCS9, NSS=1 ~3) 802.11b: Direct-Sequence Spread-Spectrum (DSSS) 802.11a/g/n/ac: Orthogonal frequency-division Multiplexing (OFDM)
Channelization	802.11ac with 20/40/80 MHz channel width 802.11n with 20/40 MHz channel width 802.11a/b/g with 20 MHz channel width
Supported Modulation	802.11b: BPSK, QPSK, CCK 802.11a/g/n: BPSK, QPSK, 16-QAM, 64-QAM 802.11ac: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
Management	
Multiple BSSID	Supports up to 8 SSIDs per radio
VLAN Tagging	Supports 802.1q SSID-to-VLAN tagging VLAN Pass through
QoS	Compliant with IEEE 802.11e Standard WMM
SNMP	v1, v2c, v3
MIB	I/II, Private MIB
Management Features	
Deployment Options	Standalone (Individually Managed) Managed Mode (with optional Controller ALL-WAPC0450C)
Wireless Management Features (with ALL-WAPC0450AC-Controller)	AP Auto Discovery and Provisioning AP Auto IP Assignment AP Group Management Remote AP Rebooting AP Device Name Editing AP Radio Settings Band Steering Traffic Shaping Fast Roaming (802.11k & 802.11r) Pre-Authentication (802.11i, 802.11x) PMK Caching (802.11i) RSSI Threshold AP Client Limiting Client Fingerprinting AP VLAN Management VLANs for AP - Multiple SSIDs Secured Guest Network Captive Portal Access Point Status Monitoring Rogue AP Detection Wireless Client Monitoring Background Scanning Auto Transmit Power Auto Channel Email Alert Wireless Traffic & Usage Statistics



Configuration	Real-time Throughput Monitoring Visual Topology View Floor Plan View Map View Wireless Coverage Display SSL Certificate Remote MAC Address Database (RADIUS) Unified Configuration Import/Export Bulk Firmware Upgrade Capability One-Click Update Intelligent Diagnostics Kick/Ban Clients Wi-Fi Scheduler Traffic Shaping Web Interface (HTTP) CLI (Telnet)
Control Features	Managed Mode (by ALL-WAPC0450C) Auto Reboot One-Click Firmware Upgrade Firmware Upgrade: Web interface or CLI (FTP/HTTP)
Security	WPA/WPA2 Enterprise Hide SSID in beacons MAC Address Filtering Https Support SSH Support Client Isolation L2 Isolation
Environmental & Physical	
Temperature Range	Operating: -4 °F to 158 °F, -20 °C to 70 °C Storage: -22 °F to 176 °F, -30 °C to 80 °C
Humidity (non-condensing)	Operating: 90% or less Storage: 90% or less
Device Dimensions & Weights	
ALL-WAPC0486AC Device (w/o antennas)	Weight: 4.17 lbs. (1891.48 g) Length: 11.22" (285 mm) Width: 8.58" (217.93 mm)
Package Contents	- ALL-WAPC0486AC Dual-Band 802.11ac Outdoor Access Point - Three (3) Detachable 2.4 GHz omni-directional antennas - Three (3) Detachable 5 GHz omni-directional antennas - Power Adapter (48V/0.8A) - PoE Injector (EPE-48GR) - Grounding Cable - Pole Mount Bracket - Wall Mount Base - Mounting Screw Set - Quick Installation Guide



Zubehör

Art.-Nr.	Name
144813	ALLNET Wireless Controller für WAP-C-Serie, 50 AP's Lizenz ALL-WAPC0450C
139637	ALLNET PoE Injektor Gigabit ALL0488V5 AF/AT 15,4/30W IEC-C14, Kunststoff
147402	ALLNET PoE Injektor Gigabit ALL0489V3 - 802.3af/at HPoE 30W, IEC-C6 Metallgehäuse
137466	ALLNET Switch full managed 8 Port Gigabit HPoE + 2 Giga Combo Ports (RJ/SFP) ALL-SG8910PM
93392	ALLNET Switch unmanaged 8 port Gigabit HPoE, 4x PoE+ oder 8x PoE, lüfterlos, internes Netzteil, 19" ALL8808PoE
137465	ALLNET Switch full managed 24 Port Gigabit HPoE nach 802.3af und 802.3at incl 2 Giga



Art.-Nr.: 144826
Herst.-Nr.: ALL-WAPC0486AC

Art.-Nr.	Name
	Combo Ports (RJ/SFP) ALL-SG8926v2PM
99305	ALLNET TP Cat 6 Überspannungs-/Blitzschutz ALL95100